

ZEMBLEVSKY, K.K.

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R0717435

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ZEMBLINOV, A., inzh.

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DLC: HE7.S6

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DLC: HE7.S6

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10G43

ZEMBLINOV, S.

USSR/Railroad Stations 4602.0208
RR Repair Facilities 4602.0350
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Oct 1947

"Coordination of Stations and Car Repair Installations"
1 p

"Zh-d Transport" No 10

Prof S. Zemblinov, Dr of Tech Sciences, and I. Aksenov,
Candidate in Mechanical Sciences review favorably
Prof S. Buzanov's "Coordination of Stations and Car
Repair Installations 'Transzheldorizdat', 1947, 52 pp.
Reviewers consider book useful in throwing light on a
very important problem.

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1. General-direktor dvizheniya 2-go ranga.
(Railroads--Stations)

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CIA-RDP86-00513R001964420001-4

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trud. Akad. zhel. transp. no. 2:5-37 '53. (MIRA 8:9)
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tekhnicheskikh nauk; KHITROV, P.A., tekhnicheskiy redaktor.

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(Continued on next card)

BENESHEVICH, I.I.----(continued) Card 2.
VASIL'YEV, V.P.; GONCHAROV, H.G., inzhener; DERIBAS, A.T., inzhener;
DOBROSL'SKIY, K.M., dotsent, kandidat tekhnicheskikh nauk; DLUGACH,
B.A., kandidat tekhnicheskikh nauk; YEFIMOV, G.P., kandidat tekhnicheskikh nauk;
ZIMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELLO, M.L., kandidat tekhnicheskikh nauk; IL'IN, K.P.,
kandidat tekhnicheskikh nauk; KARANTIKOV, A.D., kandidat tekhnicheskikh nauk; KAPLUN, F.Sh., inzhener; KANSHIN, M.D.; KOCHNEV, F.P.,
professor, doktor tekhnicheskikh nauk; KOGAN, I.A., kandidat tekhnicheskikh nauk; KUCHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener;
MAKSIMOVICH, B.M., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV,
M.S., inzhener; MEDAL', O.M., inzhener; NIKITIN, V.D., professor,
kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; PANTELSYEV, P.I.,
kandidat tekhnicheskikh nauk; PETROV, A.P., professor, doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk; SEROBYEV,
Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnicheskikh nauk; TALDAYEV, F.Ya., inzhener; SUYAZOV, I.G., inzhener;
TAUDAYEV, F.Ya., inzhener; TIKHONOV, K.K., kandidat tekhnicheskikh nauk; USHAKOV, N.Ya., inzhener; USPENSKIY, V.K., inzhener; FEL'DMAN,
E.D., kandidat tekhnicheskikh nauk; FERAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhener; CHERNOMORDIK, G.I., professor, doktor
tekhnicheskikh nauk; SHAMAYEV, M.F., inzhener; SHAFIRKIN, B.I.,
inzhener; YAKUSHIN, S.I., inzhener; ORANOVSKIY, P.G., redaktor;
TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.F., dotsent kandidat tekhnicheskikh

(Continued on next card)

BEMESHEVICH, I.I.--- (continued) Card 3.

nauk, redaktor; MARKOV, M.V., inzhener, redaktor; KALININ, V.K.,
inzhener, redaktor; STEPANOV, V.N., professor, redaktor; SIDOROV, N.I.,
inzhener, redaktor; GERONIMUS, B.Ye., kandidat tekhnicheskikh nauk,
redaktor; ROBEL', R.I., otvetstvennyy redaktor

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nykh dorog. Otv. red. toma K.G. Markvardt. 1956. 1080 p. Vol.13.
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Z. ZEMBLINOV, S. V.

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(Railroads--Cost of construction)

ZEMLINOV, S.V., prof.

Effect of the type of railroad centers on the circulation of railroad cars. Sbor. trud. Akad. zhel. transp. no.1:47-59 52. (MIRA 11:3)

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Voprosy razvitiia vnutrigorodskikh putei soobshcheniya v bol'sikh gorodakh. Moskva, Izd-vo Akad. nauk SSSR, 1958. 89 p. (MIRA 11:8)
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ZEMBLINOV, S.V., prof., doktor tekhn.nauk; BURAKOV, V.A., inzh.;
GERMETSTER, A.M., mladshiy nauchnyy sotrudnik; POLYAKOV, A.A.,
doktor tekhn.nauk, starshiy nauchnyy sotrudnik; PERSIANOV, V.A.,
mladshiy nauchnyy sotrudnik; TAL', K.K., kand.tekhn.nauk,
starshiy nauchnyy sotrudnik; KHODATAYEV, V.P., kand.tekhn.
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nauk, mladshiy nauchnyy sotrudnik; SKALOV, K.Yu., kand.tekhn.
nauk, red.; KHITROV, P.A., tekhn.red.

[Basis for construction of road transportation junctions]

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464 p.

(MIRA 12:9)

(Transportation) (Streets)

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Vladimirovich, doktor tekhn. nauk; STRAKOVSKIY, Isaak
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1962. 410 p.

(Railroads—Stations)

(MIRA 16:2)

ZEMBLINOV, Sergey Vladimirovich, doktor tekhn. nauk; STRAKOVSKIY, Isaak Izrailevich, kand. tekhn. nauk; USHENKO, L.A., tekhn. red.

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Moskva, Transsheldoridat, 1962. 89 p. (MIRA 16:3)
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[Stations and junctions] Stantsii i uzly. Moskva, Trans-
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DZHUNKOVSKIY, Nikolay Nikolayevich, zasl. deyatel' nauki i tekhniki RSFSR, prof., doktor tekhn. nauk; KASPAROV, Avgust Al'fredovich, dots., kand. tekhn. nauk; SMIRNOV, Gleb Nikolayevich, dots., kand. tekhn. nauk; SIDOROVA, Aleksandra Grigor'yevna, dots., kand. tekhn. nauk; Prinimali uchastiye: ZIMBLINOV, S.V., doktor tekhn. nauk, prof.; PANTELEYEV, P.I., kand. tekhn. nauk; YAVLENSKIY, S.D., inzh., retsentent; SKOBELING, L.V., inzh., nauchn. red.

[Harbors and harbor structures] Porty i portovye sooruzheniya.
[By] N.N.Dzhunkovskii i dr. Moskva, Stroiizdat. Pt.1. 1964.
341 p. (MIRA 17:10)

1. Kafedra vodnogo khozyaystva i morskikh portov Moskovskogo inzhenerno-stroitel'nogo instituta im. V.V.Kuybysheva (for all except Yavlenskiy, Skobelina). 2. Zaveduyushchiy kafedroy vodnogo khozyaystva i morskikh portov Moskovskogo inzhenerno-stroitel'nogo instituta im. V.V.Kuybysheva (for Dzhunkovskiy).

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Development of the Moscow railroad and transportation system for
a long-term planning. Zhel.dor.transp. 46 no.6:56-60 Je '64.

(MIRA 18:1)

BORECKI, Marcin, prof. mgr. inz.; RADOWICKI, Tadeusz, doc. mgr. inz.;
SAWKA, Bohdan, mgr. inz.; RATAJSKI, Zbigniew, inz.; ZEMBOK,
Wladyslaw, mgr. inz.

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props. Przegl gorn 20 no.11:521-529 N '64.

ZEMBORAK, K.

POLAND / Physical Chemistry. Thermodynamics. Thermo-
chemistry. Physico-Chemical Analysis. Phase
Transition.

B

Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35361

Author : I) Zemborak K., Monczynska Z., Monczynski A.
II) Zemborak K., Olzewski K.

Inst : Not given

Title : Heteropolyazeotropic Systems. I) Methanol- η -
Paraffin Hydrocarbon System. II) Acetonitrile-
 η - Paraffin Hydrocarbon System.

Orig Pub: I) Bull. Acad. Polon. Sci., 1956, Cl. 3, 4, No 3,
149-153; No 12, 823-827; II) Bull. Acad. Polon. Sci.,
1956, Cl. 3, 4, No 3, 153-157

Abstract: A series of boiling constant-pressure lines under

Card 1/4

POLAND / Physical Chemistry. Thermodynamics. Thermo-
chemistry. Physico-Chemical Analysis. Phase
Transition.

B

Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35361

Abstract: normal pressure of binary methanol mixtures (I) with n -heptane (II), n -octane (III), n -nonane (IV), n -decane (V) and n -undecane has been investigated. Boiling temperatures of homoazeotropes: I-II 59, 1° C; I-III 63, 0° C; I-IV 64, 4° C, as well as of heteroazeotropes: I-V 64.93 $^{\circ}$ C, I-VI 65.05 $^{\circ}$ C have been determined. A series of heterogeneous systems (A, Hi), formed by a A-agent and a series of paraffin hydrocarbons has been classified. Three groups of double-component systems, type (AHi) demonstrating the successive transition process from homoazeotropic to heteroazeotropic systems passing through homoazeo-heteroazeotropic systems have been marked down in relation to the

Card 2/4

5

POLAND / Physical Chemistry. Thermodynamics. Thermo-
chemistry. Physico-Chemical Analysis. Phase
Transition.

B

Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35361

Abstract: variation of the critical solubility temperature
of AHi systems with the rise of the homolog Hi
boiling temperature.

II. A series of Boiling temperature isobars of bi-
nary acetonitrile mixtures with n -heptane, n -
octane, n -nonane, n -decane and n -undecane,
especially interesting since their critical solu-
bility temperature is higher than the boiling
temperature of acetonitrile (81.55°C) has been
investigated. A regular transition from heteroazeo-
tropic to heteroazeotropic systems has been noted.

Card 3/4

POLAND / Physical Chemistry. Thermodynamics. Thermo-
chemistry. Physico-Chemical Analysis. Phase
Transition.

B

Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35361

Abstract: The critical solubility temperatures of the specified systems have been investigated; the critical concentration (mole %) of hydrocarbon diminishes linearly with the increase of the hydrocarbon chain length; the critical solubility temperature rises with the increase of the number of carbon atoms in hydrocarbon.

Card 4/4

6

ZEMBORAK

USSR/Physical Chemistry, Thermodynamics, Thermochemistry,
Equilibriums, Phys-Chem. Anal. Phase-Transition

B-8

Abs Jour : Ref Zhur - Khimiya, No 7, 1957, 22281

Author : V. Swietoslawski, K. Zemborak, I. Stetski.

Inst : Not given

Title : Binary system classification

Orig Pub : Byull. Polskoy A.N. 1956, Otd 3,4, No 2, 93-95.

Abstract : A classification of bicomponent liquid systems with limited mutual solubility is exposed. Equilibriums in vapor-liquid and vapor-two liquids systems at big variations of temperatures and pressures are studied. Cases are reviewed when a transition of a heteroazeotrope into a homoazeotrope is observed at a temperature lower than the critical solubility temperature (disappearance of one of the liquid phases takes place under the critical solubility temperature). The necessity of experimental and theoretical studies is indicated for determining conditions of formation of heteroazeotropes only or of gradual transformation of heteroazeotropes into homoazeotropes. The terms - definition is given earlier (V. Swietoslawski Ebulliometric measurements, New York, Rheinhold Publ. Corp. 1945).

Card 1/1

-92-

ZEMBORAK
Poland/Physical Chemistry - Thermodynamics. Thermochemistry. Equilibrium. Physico-chemical Analysis. Phase Transitions, B-8

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 339

Author: Zemborak, K., and Gal'skaya, A.

Institution: Polish Academy of Sciences

Title: A Method for Determining the Composition of Four-Component Azeotropes and the Location of the Heteroazeotropic Line

Original

Periodical: Byul. Pol'skoy AN, Sec 3, 1955, Vol 3, No 7, 379-383

Abstract: On the basis of the system benzol (I)-cyclohexane (II)-ethanol (III)-water (IV) a method has been developed for investigating 4-component azeotropes; the method is based on the ebulliometric determination of the location of the heteroazeotropic line when the ratio of the concentrations of the 2 components which most closely resemble each other in their physicochemical properties is known. In the case of the system I-II-III-IV, I and II are a pair of such components. The following composition has been found for the azeotropes II-III-IV (in

Card 1/2

Poland/Physical Chemistry - Thermodynamics. Thermochemistry. Equilibrium. Physico-chemical Analysis. Phase Transitions, B-8

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 339

Abstract: weight percent): 75.5 II, 19.7 III, 4.8 IV, and I-II-III-IV: 54.3 II, 20.4 I, 19.2 III, and 6.1 IV. The boiling points of the 2 azeotropes are $62.6 \pm 0.05^\circ$ and $62.14 \pm 0.05^\circ$.

Card 2/2

ZEMBORAK, K. I.

Termodinamika i aktyornye rasvity. "Studii sovetskoi chisty." (Thermodynamics and Structure of Solutions: Translations from the Conference Held January 27-30, 1958) Moscow, Izd-vo AN SSSR, 1959. 295 p. 3,000 copies printed.

Ed. I. M. I. Shukharyan, Doctor of Chemical Sciences; Ed. of Publishing House: N. G. Ragozov; Tech. Ed.: T. V. Polyakova.

PURPOSE: This book is intended for physicists, chemists, and chemical engineers.

CONTENTS: This collection of papers was originally presented at the Conference on Thermodynamics and Structure of Solutions Sponsored by the Section of Chemical Sciences of the Academy of Sciences of the USSR, and the Department of Chemistry of Moscow University, and held in Moscow on January 27-30, 1958. Outlines of the conference are listed in the foreword. A list of other reports also read at the conference, but not included in this book, are given. Among the problems treated in this work are: electrolytic solutions, ultrasonic measurement, dielectric and thermodynamic properties of various mixtures, spectroscopic analysis, etc. References accompany individual articles.

Termodinamika i aktyornye rasvity. "Studii sovetskoi chisty." (Thermodynamics and Structure of Solutions: Translations from the Conference Held January 27-30, 1958) Moscow, Izd-vo AN SSSR, 1959. 295 p. 3,000 copies printed.	36
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Mitolaikin, B. P. Dissociation of Acids and Complex Compounds and Methods of Studying It	126
Rabinovitz, I. B. Change in Thermodynamic Functions in Dissociation or Association of Ions in Solutions	133
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Isayev, V. I. Study of Partial Pressure of Solvent in Aqueous Solutions of Electrolytes	144
Kiselev, S. I. Interactions of Proton With Molecules (Water, <i>n</i> -Methyl, <i>n</i> -Propyl Alcohols)	152

ZIMBOVSKII, L.

ZIMBOVSKII, L., inzhener.

"Mosbass" timbering. Mast.ugl. 6 no.9:19-20 S '57. (MIRA 10:11)
(Mine timbering)

28(3)

S/028/60/000/01/015/033

D041/D002

AUTHOR: Zembovskiy, I.F., and Filippov, M.M.TITLE: Unification of Parts by Using the Group Method
of Machining

PERIODICAL: Standartizatsiya, 1960, Nr 1, pp 42-43 (USSR)

ABSTRACT: Some machine building plants, and particularly
the Laptevskiy zavod ugol'nogo mashinostroyeniya
(Laptevo Coal Mining Machine Plant) have started
using the "group method" for machining parts,
suggested by S.P. Mitrofanov, Lenin prize laureate. ✓
The method consists in splitting machine parts in-
to groups of similar configuration, dimensions, and
according to the required production processes.
For every group of parts, special machining equip-
ment is produced, and machine tool attachments
adjusted. The "group method" considerably reduces
the quantity of equipment required, cuts expenses,
and increases the work productivity by 25 to 40%.

Card 1/1

ZEMBOVSKIY, I.F., inzh.; FILIPPOV, M.M., inzh.

Standardizing rubber packings. Standartizatsiia 23 no.2:32-33
F '59. (MIRA 12:1)

1. Laptevskiy zavod "Uglemash."
(Packing (Mechanical engineering)--Standards)

ZEMBOVSKIY, I.F.

Office of standardization at a coal mining machinery plant.
Standartizatsiia 26 no.5:48-49 My '62. (MIRA 15 7)
(Laptevo--Coal mining machinery--Standards)

ZEMBOVSKIY, I.F., inzh.

Standardization of rolled steel assortment. Standartizatsiia 22
no.3:79-80 My-Je '58. (MIRA 11:7)

1.Iaptevskiy zavod "Uglemash."
(Steel industry--Standards)

AUTHOR: Zembovskiy, I.F., Engineer 28-58-3-29/39

TITLE: Unification and Normalization of a Rolled-Metal Stock
(Unifikatsiya i normalizatsiya sortamenta prokata)

PERIODICAL: Standartizatsiya, 1958, Nr 3, pp 79-80 (USSR)

ABSTRACT: Information on the results of work carried out up to now by the Bureau of Normalization and Standardization (Byuro normalizatsii i standartizatsii) of the Laptevskiy zavod ugol'nogo mashinostroyeniya (Laptevo Coal-Mining Machine Building Plant) is given. The assortment of rolled metal used by the plant was reduced considerably. The number of different pipe type-sizes was reduced from 40 to 29, of 11 strip sizes 8 were left, etc. The entire assortment of rolled material still in use is given in table 2. The selection was based on the preference number system as indicated in table 1. There are 2 tables.

ASSOCIATION: Laptevskiy zavod "Uglemash" (Laptevo Plant "Uglemash")

Card 1/1 1. Industrial plants--Standards

25(5)

AUTHORS:

Zembovskiy, I.F. and Filippov, M.M., Engineers

SOV/28-59-2-9/26

TITLE:

Unification of Rubber Sealings (Unifikatsiya uplotneniy iz reziny)

PERIODICAL:

Standartizatsiya, 1959, Nr 2, pp 32-33 (USSR)

ABSTRACT:

The Laptevo Coal Mining Machine Building Plant uses many different rubber sealings and components with varying rubber bases. The plant's office for standardization and normalization reduced the number of rubber grades from 11 to 4 without affecting the quality of the product. The authors stress the need to standardize manufacture of circular section rubber sealing rings. At present the Tula and Moscow technical rubber equipment plants manufacture the rings from press-forms designed and produced by the plants themselves. Centralized production of these rings by specialized plants will cut down the production costs.

ASSOCIATION: Laptevskiy zavod "Uglemash" (The Laptevo "Uglemash" Plant)

Card 1/1

Zembovskiy, I.F., inzh.

Shell-casting molds made of mixtures bound with water glass.
Izotr. i rats. no.8:21 Ag '58. (MIRA 11:9)
(Shell molding (Founding))

ZEMBRAT-NIEWIADOMSKA, Zofia

Antagonistic action of coli bacteria on *Salmonella typhi*.
Med. dosw. mikrob. 8 no.3:293-297 1956.

1. Z Krakowskiej Wytworni Surowic i Szczepionek.
(*ESCHERICHIA COLI*,
antag. to *Salmonella typhosa* (Pol))
(*SALMONELLA TYPHOSA*,
antag. of *E. coli* (Pol))

ZEMBRZUSKI, Jan, mgr inz.

Calculation of the electrodynamic forces in stator end windings of turbogenerators by using a digital computer. Przegl elektrotechn 40 no.5:204-206 My '64.

1. Department of Electric Machines, Institute of Electrical Engineering, Warsaw.

ZEMBRZUSKI, Jan, mgr inz.

Mechanical stresses in rotator cores of large turbogenerators. Inst
elektrotech prace 10 no.29:1-22 '62.

1. Zaklad Maszyn Elektrycznych, Instytut Elektrotechniki, Warszawa.

ZEMBRZUSKI, Jan, Mgr.inz.

Symmetry analysis of multiple-circuit armature windings in
turbine generators. Inst Elektrotech 9 no.26:81-111 '61.

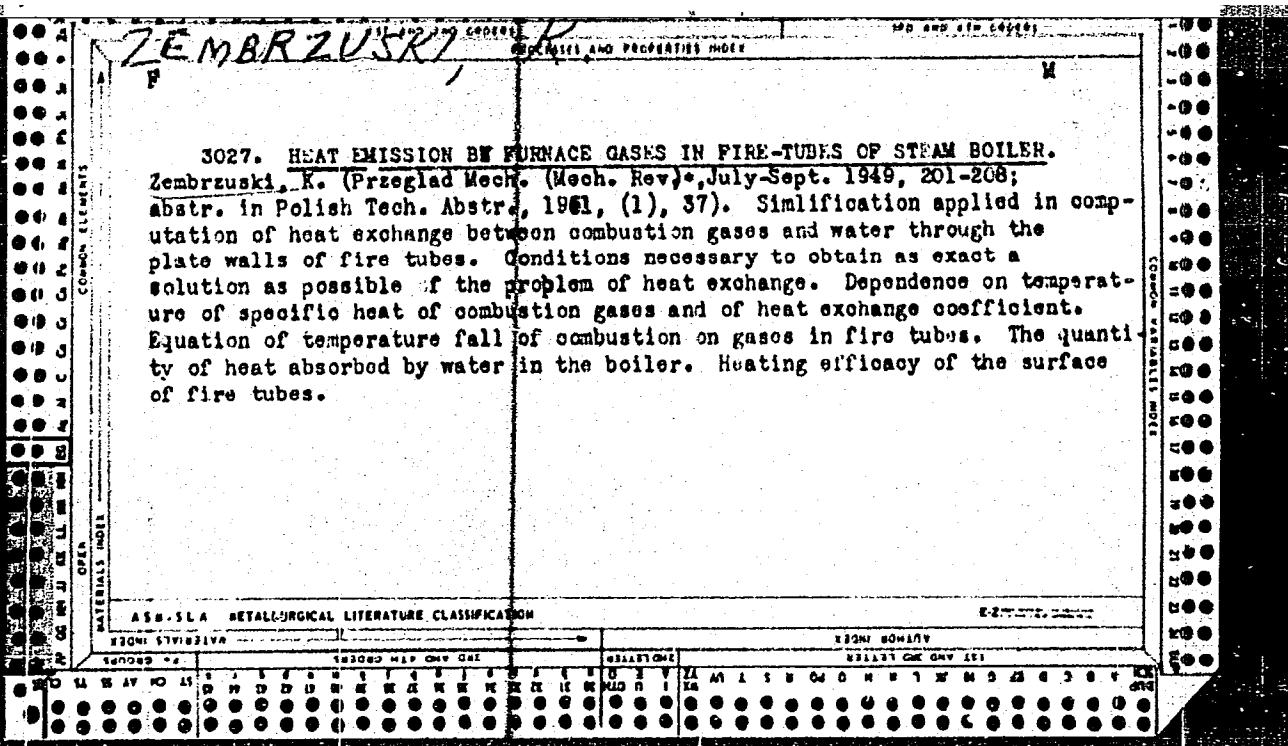
1. Zakład Maszyn Elektrycznych, Warszawa.

ZEMBRZUSKI, KATIMIERZ

Parowozy. (Wyd. 1.) Warszawa, Państwowe Wydawn. Naukowe. (Locomotives. 1st ed. illus. , bibl. , diagrs. , graphs, index)

Vol. 1. (Theory of train movement, hearths) 1954. 258 p.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, no. 12, December 1955



ZEMBROWSKI, K.

Calculation of heat exchange in the fire tubes of a locomotive engine. p. 309.
ARCHIWUM BUDOWY MASZYNA Warszawa, Vol. 1, no. 3, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

EXCERPTA MEDICA Sec.6 Vol.10/12 Internal Medicine D'56

7132. ZEMBRZUSKI K. Wojewódzkiej Stacji Sanit. -Epidemiol., Olsztynie.
-Czterdziestodwa przypadki tularemii. Forty-two tularemia cases
POL. ARCH. MED. WEWNĘT. 1955, 25/2 (377-386) Tables 7

The author's observations on 42 cases recognized in Poland in 1950 are reported. The origin of the outbreak was linked with consumption of a killed hare. The incubation period of the infection ranged from 1 to 10 days, mostly 6 days. The onset of the disease was abrupt in all cases which are classified as follows: glandular 1 case, oculo-glandular 2 cases, pharyngeal-glandular with tonsillitis 20 cases, intestinal forms 19 cases. A relative bradycardia was found frequently during the febrile period. Bacterium tularensis was isolated from the secretion of the patient's pharynx. Clinical diagnosis was confirmed in all 42 cases by positive agglutination with B. tularensis.

Anigstein - Galveston, Tex. (XX, 6)

Poland

G

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No 99553

Author : Zembrzuski, K.

Inst : Not given

Title : Mass Investigation of the Parasitic Fauna of the Intestinal Tract of Man in Poland in 1955.

Orig Pub : Wiadom.parazytol., 1957, 3, No. 6, 575-586.

Abstract : After investigation of 40,678 men from various districts of Poland the following parasites were registered: armed tapeworm (*Taenia solium*), unarmed tapeworm (*Taenia saginata*) and dwarf tapeworm (*Hymenolepis nana*), ascarides, whipworm (*Trichuris trichiura*), *Oxyuris* and *Leptothrix*.

Card 1/1

11

ZEMBRZUSKI, K., prof.

New trends in the construction of internal combustion locomotives.
Przegl techn. 81 no.10:4-6 '60.

ZEMBRZUSKI, Kazimierz, prof.

"Hydraulic couplings and intensifiers" by Mauricio Wolf. Reviewed by Kazimierz Zembrzuski. Przegl mechan 21 no.23:743 10 D '62.

ZEMBRZUSKI, Kazimierz, prof.

"Foettinger couplings and Foettinger gear" by Ernst Kickbusch.
Reviewed by Kazimierz Zembrzuski. Przegl mech 22 no. 23:
743-744 10 D '63.

ZEMERZUSKI, KAZIMIERZ.

"Parowozy (Wyd. 1.) Warszawa, Państwowe Wydawn. Naukowe (Locomotives.
1st ed. illus., bibl., diagrs., graphs, indexes)

Col. 2. (Heat exchange, boilers, feeding of boilers, draft devices) 1956.
276 p.

SO: Monthly Index of East European Accessions (EEAI) LC. Vol 7, no. 4,
April 1958

ZEMBRZUSKI, Konrad

First cases of tularemia in Poland. Przegl. epidem. 8 no.1:
31-36 1954.

1. Z Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Olsztynie
(TULAREMIA, epidemiology,
Poland, first cases)

ZMBRZUSKI, Konrad

Some nonspecific reactions in larval ascariasis. Wiad parazyt.
10 no.48306-307 '64

1. Zaklad Parazytologii Lekarskiej Państwowego Zakladu Higieny,
Warszawa.

ZEMBRZUSKI, Konrad

Leukergy in larval ascaridosis. Acta parasit Pol 12 no.13/18:193-194
'64.

1. State Institute of Hygiene, Warsaw.

ZEMBRZUSKI, Kazimierz, prof,

Operation principles and characteristics of hydrodynamic intensifiers. Przegl mech 21 no.16:485-489 25 Ag '62.

1. Politechnika, Warszawa.

Zembrzuski, Kazimierz, prof.

Operation principles and characteristics of hydrodynamic intensifiers. Przegl mech 21 no.17:534-537 10 S '62.

1. Politechnika, Warszawa.

ZEMBRZUSKI, Konrad

Pharyngo-bubonic form of tularemia. Otolar. polska 8 no.4:279-
288 1954.

1. Z Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Olsztynie.
(TULAREMIA,
pharyngo-bubonic form)
(PHARYNX, diseases,
tularemia, bubonic form)

ZEMBRZUSKI, Konrad

Effect of urbanization on the epidemiology of the helminthiases.
Acta parasit Pol 12 no.1/12:65-75 '64.

1. State Institute of Hygiene, Warsaw, Head: Prof. Dr. Feliks
Przesmycki.

ZEMBRZUSKI, Konrad

Efficient parasitological methods used in Poland for the diagnosis
of enterobiosis, ascaridosis, and trichocephalosis. Wiad. parazyt.
11 no.1:17-23 ' 65

1. Państwowy Zakład Higieny, Warszawa

ZEMBRZUSKI, Konrad

Oculo-bubonic form of tularemia. Klin. oczna 24 no.1:29-34 1954.

1. Z Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Olsztynie.
(EYE, diseases,
*tularemia, oculo-bubonic form)
(TULAREMIA,
*oculo-bubonic form)
(LYMPH NODES, diseases,
*tularemia, oculo-bubonic forms)

~~ZEMBEZUSKI, Konrad~~

Results of mass examinations of gastrointestinal parasitic fauna in Polish population in 1955. Pediat. polska 33 no.8:977-980 Aug 58.

1. Z Zakladu Higieny Szkolnej PZH w Warszawie Kierownik: prof. dr nauk med. M. Kacprzak. Adres: Warszawa, ul. Chocimska 24, Zaklad Higieny Szkolnej PZN.

(GASTROINTESTINAL DISEASES, in inf. & child helminth infect. in Poland (Pol))
(HELMINTH INFECTIONS, in inf. & child gastrointestinal, in Poland (Pol))

Zembrzuski, Konrad

ZEMBRZUSKI, Konrad

Results of mass survey of gastrointestinal parasitic fauna in human subjects in Poland in 1954. *Wiadomości parazytol.*, Warsz. 3 no. 5:473-475 1957.

1. Z Zakladu Higieny Szkolnej PKH w Warszawie.
(HELMINTH INFECTIONS, epidemiology,
in Poland, mass survey (Pol))

ZEMORZUSKI, Konrad

Mass investigation of human gastrointestinal parasitic fauna in Poland in 1955. Wiadomosci parazyt, Warsz. 3 no.6:575-586 1957.

1. Z Zakladu Higieny Szkolnej Panstwowego Zakladu Higieny w Warszawie.
(HELMINTH INFECTION, statistics,
in Poland (Pol))

ZEMBRZUSKI, Konrad

ZEMBRZUSKI, Konrad

Mass studies of parasitic intestinal fauna in Poland in 1954. Przegl. epidem., Warsz. 11 no.3:297-306 1957.

1. Z Zakladu Higieny Szkolnej Państwowego Zakladu Higieny w Warszawie
Kierownik: prof. dr nauk med. M. Kacprzak.

(HELMINTHS,

Incidence in feces in Poland (Pol))

POLAND

ZEMBRZUSKI, Konrad.

State Institute of Hygiene (Zaklad Parazytologii
P.Z.H [Panstwowy Zaklad Higieny]), Warsaw.

Warsaw, Acta Parasitologica Polonica, Fasc. 20,
30 June 1965, pp 191-204

"Sources of infection with Enterobius vermicularis,
Ascaris lumbricoides and Trichocephalus trichiurus
in Poland."

ZEMBRZUSKI, Konrad

Epidemiological data on tapeworm infections. Wiad. parazyt. 11
no. 38161-164 '65.

1. Państwowy Zakład Higieny, Warszawa.

ZEMERZUSKI, K.

Problems of the planned electrification of some lines on the Polish State Railroads.
p.220.

PRZEGLAD KOLEJOWY. Warszawa, Poland, Vol. 11, no. 6, June, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 9, September, 1959.
Uncl.

ZEMBRZUSKI, K,

The selection of parameters of the internal-combustion engines for railroad vehicles. p. 81.

PREZEGIAD KOLEJOWY. (Wydawnictwa Komunikacyjne) Warszawa, Poland.
Vol. 11, no. 3, Mar. 1959

Monthly list of East European Accessions Index, (EEAI) LC, V61. 8, no. 66
June 1959
uncl.

ZEMERZUSKI, Kazimierz, prof.

Coreport on the premises and initial design of the CD19 combustion engine for railroads. Biul techn Cegielski 6 Special issue:15-19 '62.

ZEMBRZYCKA, A.

Researches into domestic production and handicrafts in the villages of Podhale.
Tr. from the Polish.

P. 408, (Slovensky Narodopis) Vol. 5, no. 3/4, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11, November 1957

Zembrzycka, Halina; ZAKIENICE, Marek

Tumor of the glomus aorticus in the dog. Pat. Vol. 15 no.2:
253-856 Ap-Je '64

1. Z Kliniki Chirurgicznej Wydziału Weterynarnego Szkoły
Głównej Gospodarstwa Wiejskiego w Warszawie (Kierownik:
prof. dr. med. J. Kulszycki).

ZEMERZYCKA, Halina
SURNAME (in caps); Given Names

2

Country: Poland

Academic Degrees:

Affiliation: Surgical Clinic, Veterinary Division, Central School of Agriculture (SGGW - Szkola Glowna Gospodarstwa Wiejskiego), Warsaw; Director: Jozef KULCZYCKI, Prof dr
Source: Warsaw, Medycyna Weterynaryjna, No 4, April 1961, pp 208-209

Data: "Atrophy of the Bone as a Result of Pressure by a Foreign Body."

Co-author:

ZAKIEWICZ, Marek ✓

ZEMBRZYCKA, H. (Warszawa)

Bone tumors of dogs; their clinical picture and histopathologic analysis. Rocznik rolnictwa weterynarii 70 no.1/4:97-98 '60.

(EEAI 10:9)

(Dogs) (Tumors) (Bones)

POLAND / Diseases of Farm Animals. General Problems.

R-1

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78888

Author : Zembrzycka, Halina

Inst : Not given

Title : Brief Comments on the Use of Dextran in Surgical Veterinary Practice.

Orig Pub : Med. weteryn., 1957, 13, No.5, 296-300

Abstract : Dextran is a good antishock agent. Investigations were conducted on sick dogs. During shock, one of them was given dextran in combination with cardial and pain-relieving agents, and others with additional blood. The fastest antishock effect was noted during the application of dextran with blood.

Card 1/1

ZEMBURA, Z.; KAMECKI, J.

The anodic behavior of iron in phosphoric acid solutions. In English. p.101
BULLETIN. Varsovie
Vol. 5, no. 2, 1956

So. East European Accessions List Vol. 5, No. 9 September 1956

18(3)

POL/39-59-12-1/16

AUTHOR: Sędzimir, Jerzy, Doctor, Engineer, Zembura, Zdzisław, Doctor

TITLE: Comparative Research into Resistance to Corrosion of Steel 1 H 13, H 17, H 17 T, H 25 T, 1 H 18 N 9 T, in Water with Small Chloride Content

PERIODICAL: Hutnik, 1959, Nr 12, pp 473-475 (Poland)

ABSTRACT: The scope is to find adequate chromium steel, to replace scarce nickel in chromium nickel steel. Research was conducted in conditions similar to those in the finishing stages of wet working of artificial fiber. Samples of dimensions: 40x15x2 mm of 1 H 13, H 17, H 17 T, and H 25 T steel, welded and non-welded, were used and compared with analogical samples of 1 H 18 N 9 T steel. The samples were alternately, wholly or partly immersed (1 minute wholly immersed, 1.5 minute in the air, 1.5 minute partly immersed) in distilled water and in solutions of 0.116 g NaCl per liter and ✓

Card 1/3

POL/39-59-12-1/16

Comparative Research into Resistance to Corrosion of Steel 1 H 13,
H 17, H 17 T, H 25 T, 1 H 18 N 9T, in Water with Small Chloride
Content

3 g NaCl per liter, with, in all three cases, pH being 7.5 ± 0.3 . In distilled water after 17 days, and in the 0.116 g NaCl solution after 12 days, no changes were observed, except for rusty spots on the weld of the welded samples H 17, H 17 T and H 25T in the 0.116 g NaCl solution. In the 3 g NaCl solution, there was after 2-3 days, visible corrosion and measurable losses of weight, shown on Fig 1 (non-welded) and Fig 2 (welded samples). Results show that all five non-welded steels are practically corrosion resistant. In the 0.3% solution one sample (1 H 13) was considerably corroded but samples 1 H 18 N 9 T and H 25 T resisted well. The picture is different with welded samples. Corrosion rapidly increases in the H 25 T sample. The welds of the samples H 17 T and 1H 18 N 9 T suffered intercrystalline corrosion. It is suggested constructing avivage tubs for artificial fiber production of

Card 2/3

POL/39-59-12-1/16

Comparative Research into Resistance to Corrosion of Steel 1 H 13,
H 17, H 17 T, H 25 T, 1 H 18 N 9 T, in Water with Small Chloride
Content

H 25 T steel, provided that the welding technology is
improved. There are 5 figures and 4 references, 1 of
which is Polish, 1 Soviet, 1 English and 1 German.

ASSOCIATION: Akademia górnictwo-hutnicza (Mining and Metallurgical
Academy, Cracow)

✓

Card 3/3

S/081/62/000/021/029/069
B117/B101

AUTHORS: Mrowiec, Stanislaw, Werber, Teodor, Zembura, Zdzislaw

TITLE: A case of corrosion of 1X18H9T (1Kh18N9T) steel in the petroleum industry

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 285, abstract 21I185 (Nafta (Polska), v. 18, no. 2, 1962, 48 - 50 [Pol])

TEXT: The corrosion of condenser tubes in a petroleum distillation unit is described. The tubes, which were made of 1Kh18N9T-type stainless steel with a wall thickness of 2.5 mm, were useless after three months' operation because of pitting and fissuring. Corrosion was particularly strong at the rolled-out spots. Chemical, metallographic, and X-ray analyses revealed intercrystalline corrosion under stress, which was accelerated by the great temperature gradient in the condenser. [Abstracter's note: Complete translation.]

Card 1/1

ZEMBURA, Z., doc. dr.; BIEROWSKI, M., ar.

Rotating disk in the studies of the kinetics of heterogenous reactions.
Pt. 2. Wiad chem 18 no.4:215-232 Ap '64.

1. Department of Physical Chemistry of the Metallurgy of Nonferrous
Metals, School of Mining and Metallurgy, Krakow.

ZEMBURA, Z.

J. Weber's Fosforowanie stali (Phosphating Steel); a book review.

P. 283 (WIADOMOSCI CHEMICANE) (Wroclaw, Poland) Vol. 11, No. 4/5 Apr./May
1957

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 5, 1958

BIEROWSKI, M., mgr.; PAWELKOWA, M., mgr., starszy asystent;
ZEMBURA, Z., dr., adiunkt

The rotating disc in research on the kinetics of heterogeneous reactions. I. The theory of convectional diffusion. Wiad chem 16 no.8:497-517 Ag '62.

1. Katedra Chemii Fizycznej i Elektrochemii, Akademia Gorniczo-Hutnicza, Krakow. 2. Pracownik naukowo techniczny Katedry Chemii Fizycznej i Elektrochemii, Akademia Gorniczo-Hutnicza, Krakow (for Bierowski).

~~SECRET~~ ~~REF ID: A65125~~

Julian Kamecki, Zdzislaw Zembura and Jerzy Trau: "The Anodic Behaviour of Metals, I. Lead in Orthophosphoric Acid Solutions, " Roczniki Chemii, Vol 30, No 1, Warsaw, 1956. Published from the Chair of Physical Chemistry and Electrochemistry of the Academy of Mining and Metallurgy (AGH), Krakow, 21 Jun 55.

ZEMBURA, ZDZISLAW

Julian Kamecki, Zdzislaw Zembura and Jerzy Trau: "The Anodic Behaviour of Metals. II. Passivation of Lead Anodes in Orthophosphoric Acid Solutions," Roczniki Chemii, Vol 30, No 1, Warsaw, 1956. Published from the Chair of Physical Chemistry and Electrochemistry of the Academy of Mining and Metallurgy (AGH), Krakow, 21 Jun 55.

ZEMBRON ZDZISLAW

POLAND/Chemical Technology. Chemical Products and Their Application.

Electrochemical manufacturing. Electrodeposition.

Chemical Sources of Electrical Current.

H-12

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15152.

Author : Kamecki Julian, Zembura Zdzislaw

Inst : Academy of Mining and Metallurgy

Title : Electrochemical Polishing of Zinc.

Orig Pub: Zesz. nauk. Akad. gorn-hutn., 1957, No 10, 111-120.

Abstract: On studying the behavior of Zn-anodes in solutions of KOH and H_3PO_4 , the authors made attempts to effect electrochemical polishing (P) of Zn. The experiments were carried out in solutions of KOH of 1, 2, 3, 4, 5, 6 and 7 N concentration and also in 7 N KOH containing 0.1, 0.4 and 2.1 gram-equivalents of Zn per liter; in solution of H_3PO_4 of 0.93, 9.6, 19.6 and 43.5 N, and also in 9.8 N H_3PO_4 containing

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Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15152.

0.8 and 1.6 gram-equivalent of Zn per liter. In all the KOH solutions the surface of the Zn underwent P; optimal P occurred in 4 and 5 N KOH, but in this case the surface of the metal revealed contours of dendrites. P of best quality was observed on use of solutions of H_3PO_4 (except the 9.8 N solution and the 9.8 N containing 1.6 g-equivalent of Zn per liter). Optimal conditions of P: concentration of electrolyte of about 10 N, $D_a = 60-80 \text{ a}/\text{dm}^2$, voltage 12-15 v, duration 3-6 minutes. In 1 and 2 N KOH, and also in the more concentrated solutions, saturated with Zn, it is possible to produce at the anode well adhering black-blue films which are particularly uniform when they are deposited on a previously polished surface. An interpretation

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Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15152.

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ZEMBURA, Zdzislaw

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Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15160.

Author : Kamecki Julian, Sedzimir Jerzy, Zembura Zdzislaw

Inst : Academy of Mining and Metallurgy.

Title : Some Problems of Electrochemical Refining of Copper.

Orig Pub: Zesz. nauk. Akad. gorn.-hutn., 1957, No 10, 143-156.

Abstract: There are considered the theory of electrochemical refining of Cu, effects of individual factors (composition, temperature and rate of flow of electrolyte, D), defects and advantages of the methods used. Also reviewed are the attempts to modify the classical process (for example, electrolysis with ammonium electrolytes, electrolytes containing Cu⁺, etc.). Bibliography 25 references.

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ZEMBURA, Z.

POLAND / Physical Chemistry. Electrochemistry.

B

Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35551

Author : Kamecki Julian, Zembura Zdzislaw, Trau Jerzy.

Title : Anodic Behavior of Metals

I. Lead in Orthophosphoric Acid Solutions.

II. Passivation of Lead Anodes in Orthophosphoric Acid Solutions.

Inst : Not given

Orig Pub: Roczn. Chem., 1956, 30, No 1, 253-260; 261-268.

Abstract: I. The relation of the current density i and the potential E of a Pb-anode to the voltage (V) on a 2.99; 22.8 and 40.5 N H_3PO_4 electrolysis (ES) cell has been investigated, and the outward form

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Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35551

Abstract: of the anode during the ES time inspected. At V below 0.5 volts a Pb phosphate layer forms on the anode surface; at V ranging from 0.85 to 1.2 volts a PbO layer is formed on the anode, and at $V > 1.2$ a PbO_2 layer.

II. The Pb -anode E versus electrolysis duration t at i constant has been studied. At the beginning E remains low (from -0.22 to 0.24 volts), which corresponds to the dissolving of Pb in the form of Pb^{2+} ; then follows a rapid rise of E to 2.1-2.25 volts and a PbO_2 layer forms on the anode. In more concentrated H_3PO_4 solutions 2 breaks in the curve (E, t) can be observed at ~ 0.3 and ~ 1.5 volts, before the peak passivation is reached. It is assumed that the first break

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Abs Jour: Ref Zhur-Khimiya, No 11, 1958, 35:551

Abstract: corresponds to the PbO formation on the anode, and the second - to the beginning of PbO_2 formation according to $PbO + 2OH^- \rightarrow PbO_2 + H_2O + 2e^-$. All (E, t) curves have clearly expressed peaks. The passivation time t_p is connected with i by way of the empirical formula $t_p = 1/(ai - b)$, where a and b are constants.

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ZEMBURA, Z.

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PERIODICAL: ROCZNIKI CHEMII. Vol. 31, No. 2, 1959

ZEMBURA, Z. The anodic behavior of metals IV. Copper in sodium hydroxide solution. p. 627

Monthly List of East European Accessions (EEAI) LC Vol. 8, No.4.

April 1959, Unclass

ZEMBURA, Z.

POLAND / Physical Chemistry. Electrochemistry.

B

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60345.

Author : Z. Zembura, W. Michalik.

Inst : Academy of Sciences of Poland.

Title : The Limiting Current During Electrolytic Polish-
ing of Copper in A 20 n. H_3PO_4 Solution.

Orig Pub: Bull, Acad. polon. sci., 1957, Cl. 3, 5, No 11,
1073-1079.

Abstract: In order to solve the question concerning the lim-
iting stage of Cu electropolishing (EP) in 20 n.
 H_3PO_4 , the dependence of the limiting current i
(lim) of Cu dissolution on the concentration c of
Cu ions and on the number of revolutions (m) of

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